

# MISSISSIPPI

## SUMMARY OF PLANT PROTECTION REGULATIONS

Updated February, 2003

Mississippi Dept. of Agriculture & Commerce  
Bureau of Plant Industry  
Plant Pest Division  
P. O. Box 5207  
Mississippi State, MS 39762

Harry Fulton..... Assistant State Entomologist  
Phone: 601-325-7765  
Fax: 601-325-8397  
Benson Graves ..... Director Plant Pest Programs  
Phone: 601-325-7773  
Harry Fulton..... State Apiarist (Apiary Regulations)  
Phone: 601-325-7765

### NURSERY STOCK DEFINITION

Nursery Stock means all plants commonly known as nursery stock, whether field grown, greenhouse grown, or collected native plants, consisting of palms and woody perennials, trees, shrubs, seedlings, vines, roses, strawberry, blackberry and other brambles, kudzu, bud wood, cuttings, grafts, scions, bulbs, corms, rhizomes or roots thereof. Also includes other such plants and plant products grown or collected or kept for propagation, sale or distribution; excepting field, vegetable and flower seeds, cut flowers, cut ferns, cut foliage and other plant material not intended for propagation and when apparently free from injurious insect pests and plant diseases.

### GENERAL SHIPPING REQUIREMENTS

All nursery stock shipped into Mississippi must carry on each container or bundle a valid nursery inspection tag (inspection certificate) of the State of origin. Containers should also be plainly marked with the names and addresses of shipper and consignee.

Any person receiving a shipment of plants or other articles from outside the State not in compliance with Mississippi certification and labeling requirements shall so inform the Bureau of Plant Industry or local inspector and hold such shipment unopened, subject to such inspection and disposition as may be required.

### NOXIOUS WEEDS

Legislation is pending for the 2003 legislative session to amend the Mississippi Plant Act to regulate noxious weeds.

## QUARANTINES OR ADDITIONAL REQUIREMENTS

### SWEET POTATO WEEVIL QUARANTINE

PEST: Sweet potato weevil, *Cylas formicarius elegantulus* (Sum)

STATES REGULATED: AL, AR, FL, GA, LA, MS, SC, TX

MATERIALS REGULATED: All sweet potato related materials and plants.

RESTRICTIONS: Regulated materials may not move into or within the state without a certificate permit. Each container must possess a state of origin certificate permit tag. Materials from infested portions of regulated states are prohibited movement into or through non-infested portions of Mississippi.

### BROWN GARDEN SNAIL QUARANTINE

PEST: Brown Garden Snail, *Helix aspersa* Muller

STATES REGULATED: Entire state of California and other states hereinafter which may be found to be infested.

MATERIALS REGULATED: Ornamentals, nursery stock, or any other plants, soil, sand, peat, or any other articles which may be responsible for movement of the brown garden snail.

RESTRICTIONS: Regulated articles from the quarantined area will be prohibited entry into the State of Mississippi, unless each shipment is accompanied by a certificate issued by and bearing the signature of the quarantine official of the State where shipment originated, certifying that it has been determined by competent, official survey that the regulated articles contained in the shipment were inspected and found to be free of the brown garden snail and that, further, the pest is not known to exist in the nursery or site from which the shipment or regulated articles originated.

Each shipment of nursery stock from an infested nursery or other regulated articles from an infested site must be accompanied by a standard Phytosanitary Export Certificate issued by the plant quarantine official of the State of origin where the shipment originated certifying that the shipment has been fumigated in a gastight chamber with methyl bromide at a rate of 2 1/2 pounds per 1,000 cubic feet at 70 degrees F. or about for 2 hours.

A copy of the Phytosanitary Export Certificate must accompany the shipment with the usual State of origin nursery tag or certificate with one copy of the Phytosanitary Export Certificate being mailed to the State Entomologist, Bureau of Plant Industry, P. O. Box 5207, Mississippi State, MS 39762.

**Infested Shipments Arriving in Mississippi.** Regulated articles arriving in Mississippi from an infested State without proper certification will be held under quarantine or returned to the shipper at his expense, unless, infested. If infested with brown garden snails or other dangerous pets, the shipment will be fumigated or destroyed at the shipper's expense.

### **PINK BOLLWORM QUARANTINE**

PESTS: Pink Bollworm, *Pectinophora gossypiella* Saunders

STATES REGULATED: Portions of AR, AZ, CA, LA, NM, NV, OK, and TX.

MATERIALS REGULATED: Materials regulated: Cotton plants, plant parts, plant products, used bagging and containers, used harvesting and processing equipment farm or household goods and products, personal belongings of transient pickers, any means of conveyance and any other articles that may serve as host materials. Exemptions: Standard compression baled cotton lint, linters, and lint cleaner waste; trade-size lint samples, cottonseed cake and meal, and edible okra grown in areas without pink bollworm.

RESTRICTIONS: Cotton processing equipment originating in regulated states must be dismantled and cleaned in an approved manner to the satisfaction of an inspector, or be fumigated before a permit will be issued for its movement into a pest-free area. Mechanical cotton pickers and used picking sacks must be accompanied by an official fumigation certificate and sealed by the appropriate official of the state of origin.

### **SWEETPOTATO CERTIFICATION PROGRAM**

PLANT: Seed Sweet potatoes, Plants and Vine Cuttings

STATES REQUIRED: All

REQUIREMENTS: Seed sweet potatoes, plants, and vine cuttings must have attached a certificate tag of the State of Origin along with a Mississippi certificate tag with each container. Also, plants or vine cuttings, must be tied in bundles of 50 or 100 each with official certificate tape of the State of origin or the State of Mississippi and accompanied by a certificate tag of the State of origin and Mississippi. Certificates of Inspection of the State of origin must be filed with and approved by the Bureau of Plant Industry before any shipments are made into Mississippi.

### **LETHAL YELLOWING QUARANTINE**

PESTS: Host palms.

STATES REGULATED: The entire State of Florida. Quarantined Areas. The entire counties in Florida, as designated, and any additional counties that are confirmed to be counties which contain palms infected with Lethal Yellowing: Broward, Collier, Dade, Hendry, Martin, Palm Beach, and portions of Monroe not considered mainland.

RESTRICTIONS: Palm hosts of the Lethal Yellowing MLO, as designated, but not limited to the following:

- a. *Arikuryroba schizophylla* (Mart.) Bailey (Arikury palm)
- b. *Borassus flabellifer* L. (Palmyra palm)
- c. *Caryota mitis* Lour. (Cluster fish-tail palm)
- d. *Chrysalidocarpus cabadae* H. E. Moore (Cabada palm)
- e. *Cocos nucifera* L. (Coconut palm) - all varieties, including Malayan dwarf
- f. *Corypha* spp.
- g. *Dictyosperma album* (Bory) H. Wendl. & Drude (Hurricane or Princess palm)
- h. *Latania* sp.
- i. *Mascarena verschaffeltii* (Wendl.) Bailey (Spindle palm)
- j. *Phoenix canariensis* Hort. ex Chab (Canary Island date)
- k. *Phoenix dactylifera* L. (Date palm)
- l. *Phoenix reclinata* Jacq. (Senegal date palm)
- m. *Pritchardia pacifica* Seem. & H. Wendl.
- n. *Trachycarpus fortunei* (Hook.) Wendl. (Windmill palm)
- o. *Veitchia merrillii* (Becc.) H. E. Moore (Christian palm, Manila, or Adonidia)
- p. Any other palms or other plants that may be confirmed to be a host of the Lethal Yellowing MLO (mycoplasma-like organism)

SHIPPING REQUIREMENTS: Regulated articles from the quarantined areas will be prohibited entry into the State of Mississippi. All regulated articles originating outside the quarantined areas will be prohibited entry unless each shipment is accompanied by a certificate from the Florida Division of Plant Industry stating the origin of the shipment.

#### **APPLESNAIL- Family *Ampullariidae***

PESTS: Snails of the family *Ampullariidae*

STATES REGULATED: Entire states of California, Texas, Florida, North Carolina and Hawaii and other states or territories which may be found infested.

REGULATED ARTICLES: Applesnails in any living stage of development, ornamentals, nursery stock or any other plants, soil, sand, peat or any other articles which may contain applesnails.

RESTRICTIONS: Each shipment from regulated areas must be accompanied by a certificate of inspection issued by a quarantine official of the state of origin stating that the regulated items have been inspected and found to be free of applesnails and that the pest is not known to exist in/at the nursery or site from which they were shipped.

Each shipment of nursery stock from an infested nursery or other regulated articles from an infested site must be accompanied by a standard Phytosanitary Export Certificate issued by the plant quarantine official of the State of origin where the shipment originated

certifying that the shipment has been fumigated in a gas tight chamber with methyl bromide at a rate of 2 1/2 pounds per 1,000 cubic feet at 70 degrees F. or about for 2 hours or with HCN at a rate of 25cc per 100 cubic feet for one hour at 50 degrees F. to 85 degrees F.

## **FORMOSAN SUBTERRANEAN TERMITE QUARANTINE**

PESTS: Formosan subterranean Termite, *Coptotermes formosans* Shiraki and other species of the Genus *Coptotermes*.

STATES REGULATED: Alabama counties of Baldwin, Calhoun, Lee and Mobile; San Diego County in California ; Whole state of Florida; Georgia counties of Chatham, Cobb, Dekalb, Fayette, Gwinnett and Paulding; Whole State of Hawaii, Louisiana parishes of Ascension, Assumption, Beauregard, Calcasieu, Cameron, East Baton Rouge, Iberia, Iberville, Jeff Davis, Jefferson, Lafayette, LaFourche, Orleans, Plaquemines, Quachita, Sabine, St. Benard, St. Charles, St. James, St. John, St. Martin, St. Mary, St. Tammany, Tangipahoa, Terreborne, Vermillion, Washington and West Baton Rouge; North Carolina counties of Brunswick and Rutherford; South Carolina counties of Beaufort, Berkeley, Charleston, Dorchester, Orangeburg and York; Shelby County in Tennessee, Texas counties of Angelina, Aransas, Bexar, Dallas, Denton, Galveston, Hidalgo, Harris, Jefferson, Liberty, Nueces, Orange, Smith and Tarrant. Mississippi counties of Forrest, Hancock, Harrison, Hinds, Jackson, Jones, Lamar, Lauderdale, Madison, Pearl River and Rankin.

REGULATED ARTICLES: Any stage of development of the formosan termite, *Coptotermes formosanus*, and other species of the genus *Coptotermes*; railroad cross ties, utility poles and all cellulose material that have been in contact with soil; and any other products, articles or methods used to transport any type of article that presents a risk of spread of the regulated pests.

RESTRICTIONS: Regulated articles may be moved or sold after inspected by an inspector and deemed free of the pest, after it has been properly fumigated by a licensed or commercially certified applicator and proof of treatment is present.

## **BOLL WEEVIL- *Anthonomus grandis* Boheman**

PESTS: Boll Weevil, *Anthonomus grandis* Boheman

REGULATED AREAS: The entire state of Mississippi and all states or portions of states infested with boll weevil.

REGULATED ARTICLES: The boll weevil in any living stage of development; gin trash, seed cotton, cotton plants, bolls and used cotton equipment along with other

## **MS - 6**

products, articles, means of conveyance, or any other item whatsoever is determined to present a hazard in the spread of the boll weevil.

**RESTRICTIONS:** Certificate or permit required to move regulated articles into or through an eradication area in Mississippi. Such certificates may be issued based on origination in a non-infested premise having not been exposed to infestation, based on treatment to destroy the infestation, based on having been grown, manufactured, stored or handled in such a manner they would not transmit infestation or based on an inspection and found to be free of any infestation. Such certificates shall be securely attached to the outside of the container containing the regulated article. Regulated articles may be moved by permit for scientific purposes.